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Qing Yang; Parvin, B.;
Pattern Recognition, 2002. Proceedings. 16th International Conference on, Volume: 2, 11-15 Aug. 2002
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[\[Abstract\]](#) [\[PDF Full-Text \(333 KB\)\]](#) IEEE CNF

2 Reconstruction of a high resolution image from registration and restoration of low resolution images

Tom, B.C.; Katsaggelos, A.K.; Galatsanos, N.P.;
Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conference, Volume: 3, 13-16 Nov. 1994
Pages:553 - 557 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(804 KB\)\]](#) IEEE CNF

3 High-resolution reconstruction of sparse data from dense low-resolution spatio-temporal data

Qing Yang; Parvin, B.;
Image Processing, IEEE Transactions on, Volume: 12, Issue: 6, June 2003
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[\[Abstract\]](#) [\[PDF Full-Text \(618 KB\)\]](#) IEEE JNL

4 Bayesian high-resolution reconstruction of low-resolution compressed video

Segall, C.A.; Molina, R.; Katsaggelos, A.K.; Mateos, J.;
Image Processing, 2001. Proceedings. 2001 International Conference on, Vo

2 , 7-10 Oct. 2001
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[\[Abstract\]](#) [\[PDF Full-Text \(512 KB\)\]](#) [IEEE CNF](#)

5 Reconstruction of a high-resolution image by simultaneous registration, restoration, and interpolation of low-resolution images

Tom, B.C.; Katsaggelos, A.K.;
Image Processing, 1995. Proceedings., International Conference on , Volume 2 , 23-26 Oct. 1995
Pages:539 - 542 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(624 KB\)\]](#) [IEEE CNF](#)

6 Limited angle tomography using wavelets

Sahiner, B.; Yagle, A.E.;
Nuclear Science Symposium and Medical Imaging Conference, 1993., 1993 IEEE Conference Record. , 31 Oct.-6 Nov. 1993
Pages:1912 - 1916 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(380 KB\)\]](#) [IEEE CNF](#)

7 Extraction of high-resolution frames from video sequences

Schultz, R.R.; Stevenson, R.L.;
Image Processing, IEEE Transactions on , Volume: 5 , Issue: 6 , June 1996
Pages:996 - 1011

[\[Abstract\]](#) [\[PDF Full-Text \(5508 KB\)\]](#) [IEEE JNL](#)

8 Image hallucination with primal sketch priors

Jian Sun; Nan-Ning Zheng; Hai Tao; Heung-Yeung Shum;
Computer Vision and Pattern Recognition, 2003. Proceedings. 2003 IEEE Computer Society Conference on , Volume: 2 , 18-20 June 2003
Pages:II - 729-36 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(883 KB\)\]](#) [IEEE CNF](#)

9 Generic method for 2D image resizing with simple, non-separable filters

Hentschel, C.;
Consumer Electronics, 2003. ICCE. 2003 IEEE International Conference on , 1 June 2003
Pages:14 - 15

[\[Abstract\]](#) [\[PDF Full-Text \(242 KB\)\]](#) [IEEE CNF](#)

10 Reconstruction of high-resolution image frames from a sequence of low-resolution and compressed observations

Segall, C.A.; Molina, R.; Katsaggelos, A.K.; Mateos, J.;
Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). 1 International Conference on , Volume: 2 , 2002
Pages:1701 - 1704

[\[Abstract\]](#) [\[PDF Full-Text \(556 KB\)\]](#) [IEEE CNF](#)

11 Improved definition video frame enhancement

Schultz, R.R.; Stevenson, R.L.;

Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 International Conference on , Volume: 4 , 9-12 May 1995

Pages:2169 - 2172 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(624 KB\)\]](#) [IEEE CNF](#)

12 New edge-directed interpolation

Xin Li; Orchard, M.T.;

Image Processing, IEEE Transactions on , Volume: 10 , Issue: 10 , Oct. 2001

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13 A fast multilevel domain decomposition algorithm for radar imaging

Boag, A.;

Antennas and Propagation, IEEE Transactions on , Volume: 49 , Issue: 4 , April 2001

Pages:666 - 671

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) [IEEE JNL](#)

14 An image resolution enhancing technique using adaptive sub-pixel interpolation for digital still camera system

Yido Koo; Wonchan Kim;

Consumer Electronics, IEEE Transactions on , Volume: 45 , Issue: 1 , Feb. 1999

Pages:118 - 123

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) [IEEE JNL](#)

15 Regularized iterative image interpolation and its application to spatial scalable coding

Jeong Ho Shin; Jung Hoon Jung; Joon Ki Paik;

Consumer Electronics, IEEE Transactions on , Volume: 44 , Issue: 3 , Aug. 1998

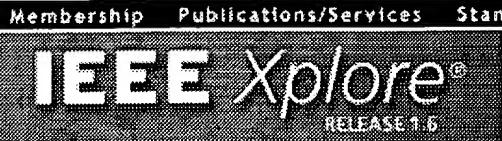
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16 Polyphase back-projection filtering for image resolution enhancement
Cohen, B.; Dinstein, I.; Howing, F.; Dooley, L.S.; Wermser, D.;
Vision, Image and Signal Processing, IEE Proceedings-, Volume: 147 , Issue: 4 , Aug. 2000
Pages:318 - 322

[\[Abstract\]](#) [\[PDF Full-Text \(836 KB\)\]](#) IEE JNL

17 Optimal face reconstruction using training
Muresan, D.D.; Parks, T.W.;
Image Processing. 2002. Proceedings. 2002 International Conference on , Vo 3 , 24-28 June 2002
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[\[Abstract\]](#) [\[PDF Full-Text \(371 KB\)\]](#) IEEE CNF

18 HR image from multiframe by Delaunay triangulation: a synopsis
Lertrattanapanich, S.; Bose, N.K.;
Image Processing. 2002. Proceedings. 2002 International Conference on , Vo 2 , 22-25 Sept. 2002
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19 Optimal image scaling using pixel classification
Atkins, C.B.; Bouman, C.A.; Allebach, J.P.;
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[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) [IEEE CNF](#)

20 Wavelet domain image interpolation via statistical estimation

Ying Zhu; Schwartz, S.C.; Orchard, M.T.;

Image Processing, 2001. Proceedings. 2001 International Conference on , Vo 3 , 7-10 Oct. 2001

Pages:840 - 843 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE CNF](#)

21 An efficient wavelet-based algorithm for image superresolution

Nguyen, N.; Milanfar, P.;

Image Processing, 2000. Proceedings. 2000 International Conference on , Vo 2 , 10-13 Sept. 2000

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22 MLP interpolation for digital image processing using wavelet trans

Yu-Len Huang; Ruey-Feng Chang;

Acoustics, Speech, and Signal Processing, 1999. ICASSP '99. Proceedings., 1999 IEEE International Conference on , Volume: 6 , 15-19 March 1999

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[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) [IEEE CNF](#)

23 Enhancement of text images using a context based nonlinear interpolative vector quantization method

Fekri, F.; Mersereau, R.M.; Schafer, R.W.;

Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on , 4-7 Oct. 1998

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[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) [IEEE CNF](#)

24 Resolution enhancement by polyphase back-projection filtering

Cohen, B.; Dinstein, I.;

Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of the 1998 IEEE International Conference on , Volume: 5 , 12-15 May 1998

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[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) [IEEE CNF](#)

25 Edge-directed interpolation

Allebach, J.; Ping Wah Wong;

Image Processing, 1996. Proceedings., International Conference on , Volume 3 , 16-19 Sept. 1996

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[\[Abstract\]](#) [\[PDF Full-Text \(748 KB\)\]](#) [IEEE CNF](#)

26 Ultrasonic array imaging based on spatial interpolation

Karaman, M.;

Image Processing, 1996. Proceedings., International Conference on , Volume 1 , 16-19 Sept. 1996
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[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) [IEEE CNF](#)

27 Self-similarity of the multiresolutional image/video decomposition smart expansion as compression of still and moving pictures

Kiselyov, O.; Fisher, P.;

Data Compression Conference, 1994. DCC '94. Proceedings , 29-31 March 19
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28 Down-scaling for better transform compression

Bruckstein, A.M.; Elad, M.; Kimmel, R.;

Image Processing, IEEE Transactions on , Volume: 12 , Issue: 9 , Sept. 2003
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[\[Abstract\]](#) [\[PDF Full-Text \(1257 KB\)\]](#) [IEEE JNL](#)

29 A generalized interpolative vector quantization method for jointly optimal quantization, interpolation, and binarization of text images

Fekri, F.; Mersereau, R.M.; Schafer, R.W.;

Image Processing, IEEE Transactions on , Volume: 9 , Issue: 7 , July 2000
Pages:1272 - 1281

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) [IEEE JNL](#)

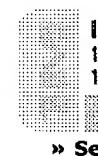
30 Recursive reconstruction of high resolution image from noisy undersampled multiframe

Kim, S.P.; Bose, N.K.; Valenzuela, H.M.;

Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Sign Processing], IEEE Transactions on , Volume: 38 , Issue: 6 , June 1990
Pages:1013 - 1027

[\[Abstract\]](#) [\[PDF Full-Text \(2096 KB\)\]](#) [IEEE JNL](#)

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31 Highlighting pipelines offshore Norway: visualization and quantitative analysis

Loke, R.E.; du Buf, J.M.H.;
OCEANS, 2001. MTS/IEEE Conference and Exhibition , Volume: 4 , 5-8 Nov. 2001
Pages:2688 - 2695 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(1086 KB\)\]](#) IEEE CNF

32 A flexible multi-channel high-resolution time-to-digital converter

Mota, M.; Christiansen, J.; Debieux, S.; Ryjov, V.; Moreira, P.; Marchioro, A.;
Nuclear Science Symposium Conference Record, 2000 IEEE , Volume: 2 , 15-19 Oct. 2000
Pages:9/155 - 9/159 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) IEEE CNF

33 New edge directed interpolation

Xin Li; Orchard, M.T.;
Image Processing, 2000. Proceedings. 2000 International Conference on , Vol. 2 , 10-13 Sept. 2000
Pages:311 - 314 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(444 KB\)\]](#) IEEE CNF

34 Multi-resolution mesh based 3D object recognition

Qing Li; Manli Zhou; Jian Liu;
Computer Vision Beyond the Visible Spectrum: Methods and Applications, 2000 Proceedings. IEEE Workshop on , 16 June 2000
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35 A fast multilevel domain decomposition algorithm for radar imaging
Boag, A.;

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36 A generalized interpolative VQ method for jointly optimal quantization and interpolation of images

Fekri, F.; Mersereau, R.M.; Schafer, R.W.;

Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of

1998 IEEE International Conference on , Volume: 5 , 12-15 May 1998

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37 Curve and surface design using multiresolution constraints

Takahashi, S.; Shinagawa, Y.; Kunii, T.L.;

Computer Graphics International, 1997. Proceedings , 23-27 June 1997

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[\[Abstract\]](#) [\[PDF Full-Text \(1064 KB\)\]](#) [IEEE CNF](#)

38 A hierarchical stereo matching algorithm using wavelet representation based on edge and area information

Gi-Mun Um; Chul-Soo Ye; Kuae-Hi Lee;

Geoscience and Remote Sensing, 1997. IGARSS '97. 'Remote Sensing - A Scientific Vision for Sustainable Development',, 1997 IEEE International , Volume: 1 , 3 Aug. 1997

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[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) [IEEE CNF](#)

39 Interpolation of HIRS/2 images using AVHRR image and it's application

Xianghong Liu; Fenghua Xiong; Weidong Sun;

Geoscience and Remote Sensing Symposium, 1993. IGARSS '93. 'Better

Understanding of Earth Environment',, International , 18-21 Aug. 1993

Pages:1487 - 1489 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) [IEEE CNF](#)

40 Predictive interpolation of remote sensing images using vector quantization

Takehana, S.; Kashimura, M.; Ozawa, S.;

Communications, Computers and Signal Processing, 1993., IEEE Pacific Rim

Conference on , Volume: 1 , 19-21 May 1993

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